BIOGRAPHICAL SKETCH

Give the following information for the key personnel and consultants and collaborators. Begin with the principal investigator/program director. Photocopy this page for each person.

NAME	POSITION TITLE
Thomas A.E. Platts-Mills	Professor of Medicine; Head, Allergy & Clin Immunol

EDUCATION *(Begin with baccalaureate or other initial professional education, such as nursing, and include postdoctoral training.)*

INSTITUTION AND LOCATION	DEGREE	YEAR CONFERRED	FIELD OF STUDY
Bailliol College Oxford University	BA	1963	Animal Physiology
St. Thomas Hospital, London	BM BCh(Oxon)	1967	Medical Degree
Royal College of Physicians, London	MRCP	1971	Internal Medicine
Johns Hopkins University	Fellowship	1971-74	Immunology
London University	PhD	1983	Medicine

RESEARCH AND PROFESSIONAL EXPERIENCE: Concluding with present position, list, in chronological order, previous employment, experience, and honors. Key personnel include the principal investigator and any other individuals who participate in the scientific development or execution of the project. Key personnel typically will include all individuals with doctoral or other professional degrees, but in some projects will include individuals at the masters or baccalaureate level provided they contribute in a substantive way to the scientific development or execution of the project. Include present membership on any Federal Government public advisory committee. List, in chronological order, the titles, all authors, and complete references to all publications during the past three years and to representative earlier publications pertinent to this application. DO NOT EXCEED TWO PAGES.

- Medical Registrar, New Market General Hospital, 1969-1971.
- Medical Research Council (UK) and Northwich Park Hospital, 1974-1982. Permanent Staff Member and Honorary Consultant Physician, 1979-1982.
- Fellow, Royal College of Physicians, London, 1982.
- Professor of Medicine and Head, Division of Allergy and Clinical Immunology, University of Virginia School of Medicine, 1982 - Present.
- Editorial Board: Clin. Exp. Immunol., Methods in Immunol., Clinical Allergy, J. Allergy Clin. Imm.
- Member, Immunological Sciences Study Section, National Institutes of Health, 1988.
- Member, Association of American Physicians, 1992.

Representative Publications from over 90 Published in Reviewed Journals.

Chapman, MD and Platts-Mills, TAE (1980). Purification and characterization of the major allergen from *Dermatophagoides pteronyssinus*-antigen P1. J.Immunol. 125:587-592.

Tovey, ER, Chapman, MD, Wells, CW and Platts-Mills, TAE (1981). The distribution of dust mite allergen in the houses of patients with asthma. Am. Rev. Resp. Dis. 124:630-635.

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Ford, A; Seagroatt, V; Platts-Mills, TAE; and Lowenstein, H (1985). A collaborative study on the first international standard of *D.pteronyssinus*. J. Allergy Clin. Immunol. 75:676-686.

Mitchell, EB, Crow, J, Williams, G and Platts-Mills, TAE (1986). Increase in skin mast cells following chronic house dust mite exposure. Brit. J. Dermatol. 114:65-73.

Platts-Mills, TAE, Heymann, PW, Longbottom, J and Wilkins, SR (1986). Airborne allergens associated with asthma. J. Allergy 77:850-857.

Heymann, PW, Chapman, MD and Platts-Mills, TAE (1986). Antigen *Der f* I from the dust mite *Dermatophagoides farinae*. J. Immunol. 137:2841-2847.

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Platts-Mills, TAE; Longbottom, J; Edwards, J; *et al.* (1987). Occupational asthma and rhinitis related to laboratory rats. J. Allergy Clin. Immunol. 79:505-515.

Platts-Mills, TAE and Chapman, MD (1988). Dust mites: Immunology, allergic disease, and environmental control. J. Allergy Clin. Immunol. 80:755-775.

Chapman, MD; Aalberse, RC; Brown, MJ; Platts-Mills, TAE (1988). Monoclonal antibodies to the major feline allergen *Fel d* I. J. Immunol. 140:812-818.

Pollart, SM; Reid, MJ; Brown, M; Kwasnicki, M; Fling, JA; Chapman, MD; Platts-Mills, TAE (1988). Epidemiology of Emergency Room asthma in Northern California. J. Allergy Clin. Immunol. 82:224.

Luczynska, CM; Arruda, LK; Platts-Mills, TAE; Miller, JD; Lopez, M; Chapman, MD (1989). A two-site monoclonal antibody ELISA for *Der p* I and *Der f* I. J. Immunol. Meth. 118:227-235.

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Platts-Mills, TAE and de Weck, A (1989). Dust mite allergens and asthma -- A world wide problem. Report of an International Workshop, Bad Kreuznach, FRG, Sept.'87. J All Clin Imm 83:416-427.

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Luczynska, CM; Li, Y; Chapman, MD; Platts-Mills, TAE (1990). Airborne concentrations of allergen derived from domestic cats (*Felis domesticus*). Am. Rev. Resp. Dis. 141:361-367.

Sporik, R; Holgate, ST; Platts-Mills, TAE; Cogswell JJ (1990). House dust mite allergen (*Der p* I) exposure and the development of sensitization and asthma in childhood: A prospective study. N. Eng. J. Med. 323:502-507.

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